

4000 SERIES WIRING HARNESS INSTRUCTIONS

Installation Instructions: Wiring Harness for Luminator Driving Lamp Systems

English

This wiring harness was developed especially to allow the Luminator driving lamps to be connected easily and reliably. The wiring harness contains a relay, fuse, switch and the required plugs and can be used for operation of systems consisting of **fog lamps** or **driving lamps**. Mount the relay included with the connection vanes pointing downwards so they are protected against splashing water (see fig.). Mount the switch on the dashboard (not required for some circuit versions).

Disconnect the earth cable (-) from the battery for safety when making the electrical connections!

Fog Lamp System

Before installing the wiring harness remove the yellow wires from the associated lamp plugs (not required for connecting fog lamps). Cut off the yellow wires as close as possible to the plug and then remove (see fig.).

Connect the brown wires coming from the headlamp plug to earth (-). Connect the red wire (+) coming from relay terminal 30 to the positive pole of the battery.

Route the brown wire (relay terminal 85) and green wire (relay terminal 86) to the headlamps (see fig.). Whether these two wires need to be connected to the headlamps depends on the connection plan you chose. The mounting instructions included with the lamps indicate the connection plans permissible (depending on country) and therefore which you can use.

Connect the fog lamp together with:

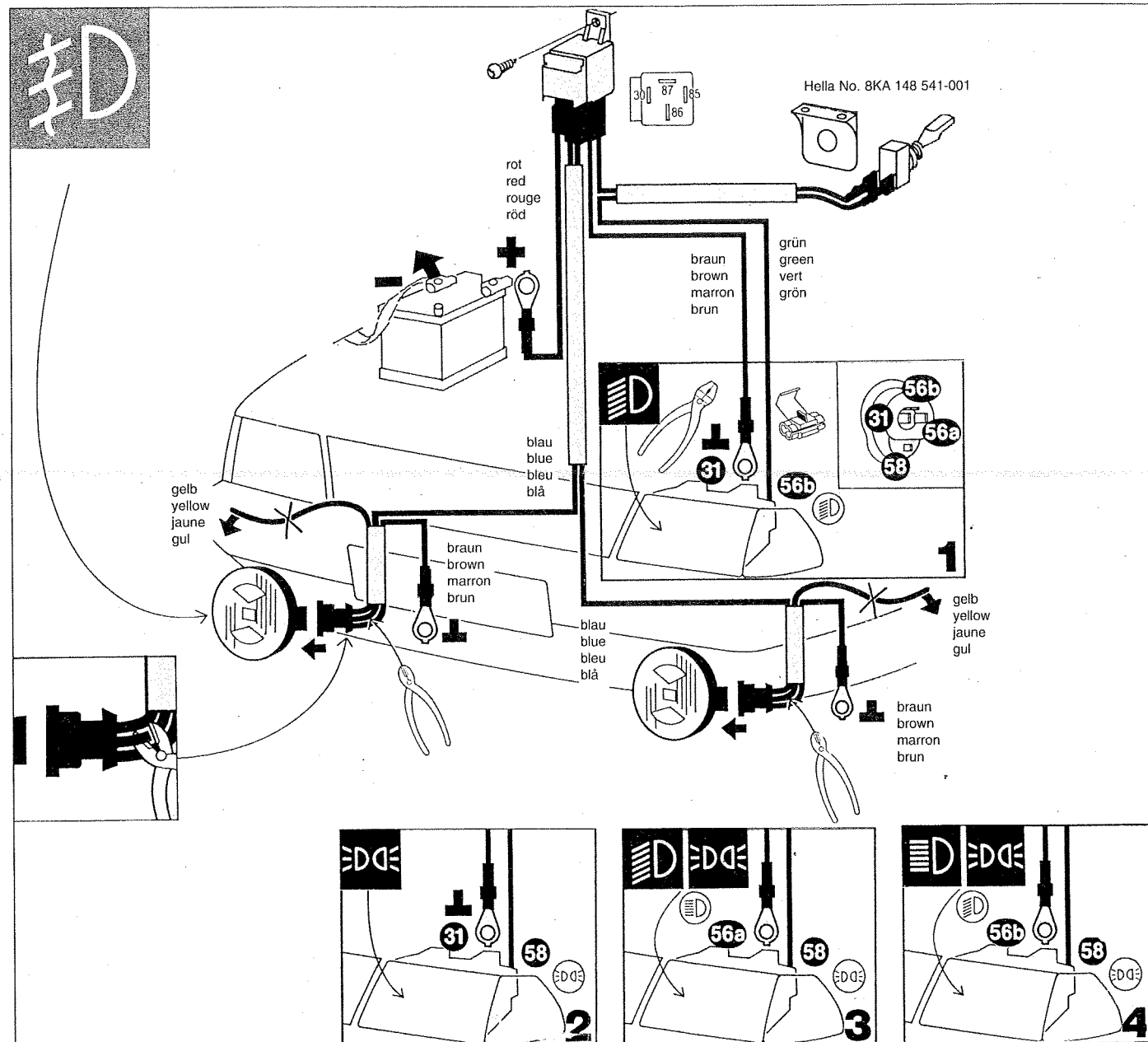
Dipped beams
brown wire → terminal 31 (earth)
green wire → terminal 56b (dipped beam)

Parking lights
brown wire → terminal 31 (earth)
green wire → terminal 58 (parking light)

Dipped beams and parking lights
brown wire → terminal 56a (main beams)
green wire → terminal 58 (parking lights)

Main beams and parking lights
brown wire → terminal 56b (dipped beam)
green wire → terminal 58 (parking light)

Now plug in the lamp plugs - finished!







Driving Lamp System

The mounting instructions included with the lamps indicate the connection plans permissible (depending on country) and therefore which you can use.

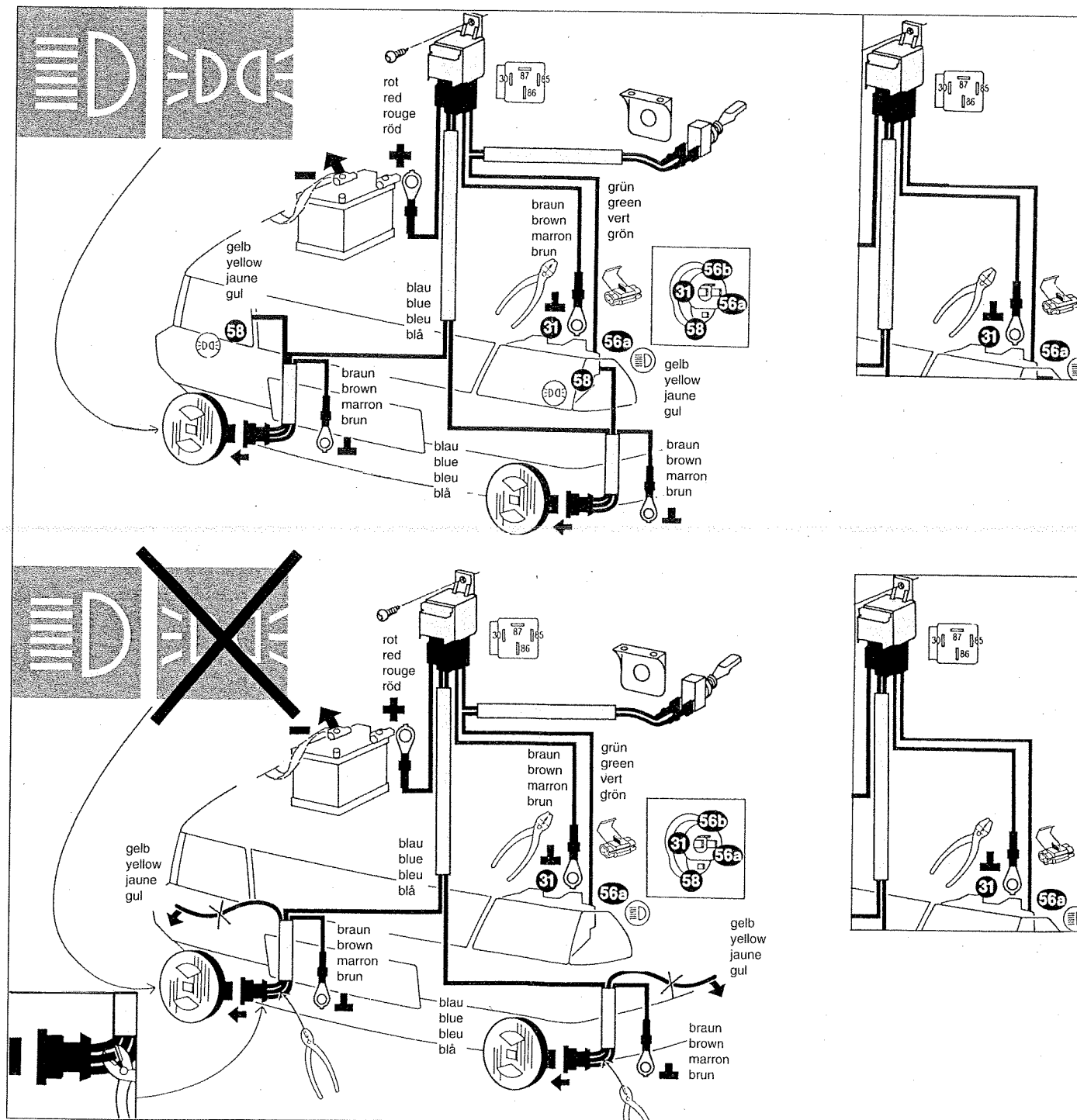
If you are using a circuit version without switch remove this from the green wire. Then connect the green wire coming from relay terminal **86** to the main beam wire (terminal **56a**).

Connect the red positive wire coming from relay terminal **30** to the positive pole on the battery and connect the brown wire (relay terminal **85**) to vehicle earth (-).

  If you are using a circuit version with additional parking light/clearance light functions in the auxiliary lamps, connect the yellow wire to the parking light wire (terminal **58**) (see fig.).

  If you are using a circuit version without additional parking light/clearance light functions in the auxiliary lamps, cut off the yellow parking light wire as close as possible to the plug and remove (see fig.).

Now plug in the headlamp plug - finished!



One more tip:
Keep the cover lenses clean. Dirt can absorb up to 80 % of the light from the lamps. You drive better when you can see and be seen well. Do you have spare bulbs and fuses in your car?

Should you have any queries or problems about the installation, please contact the Hella Customer Service Department via your local stockist.